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Press

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Spanish hospital cuts operational costs by 35 percent with Siemens AI-based tech

- **Siemens' Building X deployed as central operational system at San Juan de Dios Hospital in Seville, Spain, enhancing efficiency and sustainability**
- **The digital building platform with its AI-based apps integrates energy management, security, and HVAC systems into a single solution**
- **Its implementation leads to a 35 percent reduction in operational costs of analyzed assets, with potential for additional savings of 10 percent**

Siemens Smart Infrastructure has partnered with San Juan de Dios Hospital in Seville, Spain, to transform it into a smart and sustainable asset. With buildings accounting for around 40 percent of global carbon emissions, and healthcare facilities increasingly facing financial and sustainability pressures, improving operational efficiency is crucial. At San Juan de Dios Hospital, Siemens has turned this challenge into an opportunity with its AI-based digital building technology. By deploying its innovative solutions Siemens enabled the hospital to cut operating costs of the analyzed assets by 35 percent, setting another benchmark for hospitals across the globe.

San Juan de Dios Hospital, which enjoys a history spanning more than 450 years, has undergone impressive transformation using Siemens' fully digital, AI-powered building platform Building X and digital services. The solution integrates energy and security management, as well as Heating, Ventilation and Air Conditioning (HVAC) automation into a single system. This leads to significant operational as well as energy efficiency gains for building managers. Siemens' technology and services

are expected to enable a further reduction of 10 percent in operating costs, thanks to early fault detection and optimized equipment use.

"With Siemens' technology, we have gone beyond simple automation. We now have an intelligent system that coordinates, optimizes, and anticipates the functioning of our facilities, improving care quality and the well-being of those around us," said María Jesús Pareja, Managing Director at San Juan de Dios Hospital.

"This project sets another benchmark for hospital digitalization globally. By harnessing AI and interoperable platforms, healthcare facilities can transform operational complexity into simplicity and resilience – ultimately improving care outcomes while cutting costs," said Delphine Clément, Global Head of Verticals at Siemens Smart Infrastructure Buildings.

At San Juan de Dios Hospital in Seville, Siemens has deployed a digital layer that integrates remote digital services for fault detection and diagnostics, intrusion detection via Siemens' Siveillance Suite, and the Desigo CC building management system. As part of the Building X platform, Operations Manager and Energy Manager provide real-time visibility into building performance and energy consumption, enabling smarter decision-making, improved operational efficiency, and measurable sustainability gains.

Building X is a digital building platform that supports customers to digitalize, manage, and optimize their building operations. It is part of Siemens Xcelerator, an open digital business platform that enables customers to accelerate their digital transformation easier, faster and at scale.

This press release as well as press pictures are available here.

For more information on Siemens Smart Infrastructure, please see Siemens Smart Infrastructure.

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Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings, and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions, and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. To protect this journey, we foster holistic cybersecurity to ensure secure and reliable operations. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2024, the business had around 78,500 employees worldwide.

Siemens AG (Berlin and Munich) is a leading technology company focused on industry, infrastructure, mobility, and healthcare. The company's purpose is to create technology to transform the everyday, for everyone. By combining the real and the digital worlds, Siemens empowers customers to accelerate their digital and sustainability transformations, making factories more efficient, cities more livable, and transportation more sustainable. A leader in industrial AI, Siemens leverages its deep domain know-how to apply AI – including generative AI – to real-world applications, making AI accessible and impactful for customers across diverse industries. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a leading global medical technology provider pioneering breakthroughs in healthcare. For everyone. Everywhere. Sustainably.
In fiscal 2024, which ended on September 30, 2024, the Siemens Group generated revenue of €75.9 billion and net income of €9.0 billion. As of September 30, 2024, the company employed around 312,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at www.siemens.com.